| • | na | ex | ΟŦ | Clai | ms |   |
|---|----|----|----|------|----|---|
|   |    |    |    |      |    | Ш |
|   |    |    |    |      |    |   |
|   |    |    |    |      |    | Ш |

| Application No. | Applicant(s)   | 8  |
|-----------------|----------------|----|
| 09/761,694      | LUCIANO ET AL. |    |
| Examiner        | Art Unit       | 14 |
| Drew E Becker   | 1761           |    |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| <u>-</u> | (Through numeral)<br>Cancelled |
|----------|--------------------------------|
| ÷        | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |  |
|---|----------|--|
| 0 | Objected |  |

|          |            | L            | L  |            |                   |          | ]        |          |           |          |     |       |          |          |          |          |          |          | Ľ.       |  |                     |          |          | ]          | L        |              |          |   |      |          |
|----------|------------|--------------|--|------------|-------------------|----------|----------|----------|-----------|----------|-----|-------|----------|----------|----------|----------|----------|----------|----------|--|---------------------|----------|----------|------------|----------|--------------|----------|---|------|----------|
| Cli      | aim        | 1            |  |            | -                 | Date     | —        |          | -         | $\neg$   | ſ   | Cla   | aim      | Γ        |          |          |          | Date     | ۵.       |  |                     | 7        | CI       | aim        | Т        | _            |          |   | Date | е.       |
| -        | T          | M            | Τ-   | Γ.         | Γ.                |          | Ť        | Υ        | 1         | _        | ı   |       |          |          |          |          |          |          | ř        | Т  |                     | -1       |          |            | 1-       | T            | Т        | Г |      | Ť        |
| Final    | Original   | 11-2003      |  |            |                   |          |          |          |           |          |     | Final | Original |          |          |          |          |          |          |  |                     |          | Final    | Original   |          |              |          |   |      |          |
|          | (7)        |              | Ł  | $\vdash$   | +                 | ⊢        | ├        | ⊢        | $\vdash$  |          | ł   |       | 51       | $\vdash$ |          | _        | ~        |          | H        | ⊢  | -                   | {        |          | 101        |          | ╁╌           | ├-       | - | _    | ┢        |
| <b>—</b> | 2          | 1            | Н  | -          | ⊢                 |          | H        |          | $\vdash$  | $\dashv$ | ł   |       | 52       |          | Н        |          |          | Н        |          | $\vdash$   | $\vdash$            | ┥        |          | 102        | $\vdash$ | $\vdash$     | $\vdash$ |   | -    | Н        |
|          | 3          | 11           | $\vdash$   |            | +-                | -        | $\vdash$ | ╁        | $\vdash$  | ┪        | ŀ   |       | 53       |          | Н        |          |          | Н        | $\vdash$ | $\vdash$   | $\vdash$            | ┥        |          | 103        | $\vdash$ | $\vdash$     | $\vdash$ | Н | _    | Н        |
|          | 4          | H            | H  | H          | $\vdash$          | $\vdash$ | H        | $\vdash$ | $\vdash$  | $\dashv$ | ı   |       | 54       |          |          |          |          | -        | $\vdash$ | -  | $\vdash$            | ┪        | $\vdash$ | 104        | -        | $\vdash$     | $\vdash$ |   | _    | Н        |
|          | 5          | н            | 1-   | Т          | T                 | т        | $\vdash$ |          |           | _        | Ì   |       | 55       |          |          |          |          |          |          |  | $\vdash$            | ┥.       |          | 105        |          | t            |          |   | _    | ┢        |
|          | 6          | Ħ            | <del>                                     </del> |            | 1                 | Г        | Т        | Т        |           | $\neg$   | Ì   |       | 56       |          |          |          |          |          | Т        |  | $\Box$              | ヿ        |          | 106        | Т        | T            |          |   |      | Г        |
|          | 7          | П            |  |            |                   |          | Г        |          |           |          | ı   |       | 57       |          |          |          |          | Т        | Г        |  |                     | 7        |          | 107        | Т        | 1            | -        | - | _    |          |
|          | 8          |              |  |            | 1                 |          |          |          |           |          | Ì   |       | 58       |          |          |          |          |          |          |  |                     | 7        |          | 108        |          |              |          |   |      |          |
|          | 9          | П            |  |            | Π                 |          |          | П        |           |          | j   |       | 59       |          |          |          |          |          |          | Г  | П                   | 7        |          | 109        | 1        | Т            | П        |   |      | Г        |
|          | 10         |              |  |            |                   |          | Г        | Г        |           |          | Ī   |       | 60       | _        |          | -        | Į        |          | *        |  | П                   | 7        |          | 110        |          | П            |          |   |      | Г        |
|          | 11         |              | <u> </u>   |            |                   |          |          |          |           |          |     |       | 61       |          |          |          |          |          |          |  |                     |          |          | 111        |          |              |          |   |      |          |
|          | 12         |              |  |            |                   |          |          |          |           |          | - [ |       | 62       |          |          |          |          |          |          |  |                     |          |          | 112        |          | L            | L        |   |      |          |
|          | 13         | Ш            | 乚  |            | _                 |          | Ĺ        | _        |           |          | - 1 |       | 63       |          |          |          |          |          |          |  |                     |          |          | 113        |          |              |          |   |      |          |
|          | <b>(4)</b> | Ш            |  |            | <u> </u>          |          |          | L_       |           | _        | ļ   |       | 64       |          |          |          |          |          |          |  | $\Box$              | _        |          | 114        | ┖        | ┖            |          |   |      |          |
| <u></u>  | 15         | Ш            | ļ  | ļ          | _                 | _        |          |          |           | _        | ļ   |       | 65       |          |          |          |          |          |          |  |                     |          | -        | 115        | _        | ┖            |          |   |      |          |
|          | 16         | П            | L  | _          | ┡                 | _        | _        |          |           | _        | ļ   |       | 66       |          |          |          | _        | _        |          | L  |                     |          |          | 116        | ļ        | ļ            | ļ        |   |      | _        |
|          | 17         | Н            |  | _          | _                 |          |          |          | $\Box$    | _        | ļ   |       | 67       |          |          |          |          |          | _        | ╙  |                     |          |          | 117        | ļ        | ļ            | -        |   |      | _        |
| -        | 18         | Н            | <u> </u>   | ▙          | ┢                 | _        |          |          |           | 4        | -   |       | 68       |          |          |          | _        | _        | ╙        | ┡  | $\Box$              | _        | <u> </u> | 118        |          | ⊢            |          |   |      | L        |
| <u> </u> | 19         | H            |  | -          | <u> </u>          | <u> </u> | _        |          | $\dashv$  | -        | - 1 |       | 69<br>70 |          |          |          | Н        |          | _        |  | $\vdash$            | _        | ⊢        | 119        | -        | ⊢            | -        |   |      | L        |
|          | 20<br>21   | H            | _  | ⊢          | -                 | -        |          |          |           | -        | ŀ   |       | 71       |          |          |          |          |          | _        | ┝  | $\vdash$            | -        |          | 120<br>121 | ļ        | ļ            |          |   |      |          |
| $\vdash$ | 22         | Н            | $\vdash$   | ⊢          | ┢                 |          |          |          | -         |          | ŀ   |       | 72       | Н        | -        |          | -        |          | $\vdash$ | $\vdash$   | $\vdash$            | -        | $\vdash$ | 122        | ⊢        | -            | ┝        |   | _    | ⊢        |
| -        | 23         | ╁            | ├  | ├          | ┢                 |          |          |          | -         | $\dashv$ | ŀ   |       | 73       |          |          |          | Н        |          | H        | H  | $\vdash$            | -        |          | 123        |          | ╀            | -        |   | _    | ┢        |
|          | 24         | H            |  | $\vdash$   | $\vdash$          |          |          |          | $\dashv$  | $\dashv$ | ŀ   |       | 74       |          | $\dashv$ |          | Н        |          | $\vdash$ | H  |                     |          |          | 124        | $\vdash$ | H            | $\vdash$ |   | _    | ⊢        |
|          | 25         | ₩            | r  |            | H                 |          | $\vdash$ |          | $\vdash$  | -        | ŀ   |       | 75       | Н        | $\dashv$ |          | Н        |          |          | H  | $\vdash$            | -        |          | 125        | H        |              | $\vdash$ |   |      | ⊢        |
|          | 26         | Ť            | Н  |            | ┼─                | Η.       | $\vdash$ |          | -         | $\dashv$ | ŀ   |       | 76       | H        |          |          |          | H        |          | H  |                     | -        | -        | 126        | ┢┈       |              |          |   |      |          |
|          | (27)       | V,           |  | $\vdash$   | T                 |          | Г        |          | $\vdash$  | ┪        | ı   |       | 77       |          |          |          |          |          |          |  |                     | 7        |          | 127        |          |              |          |   | _    | _        |
|          | 28         | Н            | 7  |            |                   |          |          |          |           | $\neg$   | ı   |       | 78       | Т        |          |          |          |          |          |  |                     | _        |          | 128        | T        |              |          |   |      | Т        |
|          | 29         | 4            |  |            |                   |          |          |          |           | ╗        | ı   |       | 79       |          |          |          |          | _        |          |  | $\Box$              |          |          | 129        |          |              |          |   |      | Г        |
|          | 30         | Ш            |  |            | Г                 | -        |          |          |           | 7        | Ī   |       | 80       |          |          |          |          |          |          |  |                     |          |          | 130        |          |              |          |   |      | Г        |
|          | 31         |              |  |            |                   |          |          |          |           |          | [   |       | 81       |          |          |          |          |          |          |  |                     |          |          | 131        | Ī        |              | Γ.       |   |      |          |
|          | 32         |              |  |            | $ldsymbol{f eta}$ |          |          |          |           |          | [   |       | 82       |          |          |          |          |          |          | 匚  |                     |          |          | 132        |          |              |          |   |      |          |
|          | 33         | L.           |  |            | L                 |          | <u>_</u> | _        | $\perp$   | _        | ļ   | •     | 83       |          |          |          | -        |          |          | <u> </u>   | Ш                   | _        | L        | 133        | <u> </u> |              | L        |   |      | L        |
|          | 34         | _            |  |            | _                 |          | <u>_</u> | ļ        |           | _        | Į.  |       | 84       |          |          |          |          |          |          | ㄴ  |                     | _        |          | 134        |          |              | <u></u>  |   |      | L        |
|          | 35         | _            | ⊢  | <b> </b> _ | <b>!</b>          |          | _        |          | $\square$ | 4        | ļ   |       | 85       | Н        | Ш        |          | Ш        | Ш        |          | L  | $\mapsto$           | 4        |          | 135        | <u> </u> |              | <u> </u> |   |      | ⊢        |
| <u></u>  | 36         | _            | _  | -          | 1                 |          | <u> </u> | <u> </u> |           | 4        | ļ   |       | 86       | Н        | $\vdash$ |          |          | Ш        |          | <u>_</u>   | <u> </u>            | 4        | <u></u>  | 136        | _        |              |          |   |      | L        |
| ⊢        | 37         | ⊢            | _  | $\vdash$   | -                 |          | $\vdash$ |          |           | _        | ļ   |       | 87       | $\vdash$ |          | Ш        | <u> </u> |          | _        |  | $\vdash \downarrow$ | 4        |          | 137        | <u> </u> | _            | _        | Ш |      | L        |
| $\vdash$ | 38<br>39   | $\vdash$     | $\vdash$   | -          | ├-                | $\vdash$ | -        |          | $\vdash$  | 4        | ŀ   |       | 88       | $\vdash$ | $\vdash$ |          | Н        |          | _        | 1  | $\vdash$            | -{       |          | 138<br>139 | -        |              | -        | - | _    | ⊢        |
|          | 40         | ⊢            | -  | ⊢          | ⊢                 |          | -        |          | -         | -        | ŀ   |       | 89<br>90 |          |          |          |          |          | _        | -  | -                   | 4        | <u> </u> | 140        | ┝        | -            | -        |   |      | <b>├</b> |
|          | 41         | ⊢            |  | $\vdash$   | $\vdash$          |          | _        |          | -         | $\dashv$ | -   |       | 91       |          | $\dashv$ |          |          |          | _        | -  | -                   | $\dashv$ | -        | 141        | ┝        | -            | 1        |   |      | ┝        |
| $\vdash$ | 42         | <del> </del> | $\vdash$   | +          |                   |          | H        | $\vdash$ | -+        | $\dashv$ | ŀ   |       | 92       | $\vdash$ |          | Н        | $\vdash$ | $\vdash$ |          | -  | $\vdash$            | $\dashv$ | $\vdash$ | 142        | $\vdash$ | $\vdash$     | $\vdash$ | Н | -    | $\vdash$ |
| $\vdash$ | 43         |              |  | $\vdash$   | H                 |          | Н        |          | $\dashv$  |          | - 1 |       | 93       | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |          | 1  | $\vdash$            | $\dashv$ | _        | 143        | +        | <del> </del> | -        | - | -    | ⊢        |
| -        | 44         | i –          | -  | $\vdash$   | H                 | Н        | -        |          | $\dashv$  | $\neg$   | ŀ   |       | 94       | Н        | $\vdash$ | -        |          | $\vdash$ |          | ├-   | $\vdash$            | ┪        | $\vdash$ | 144        |          | $\vdash$     | $\vdash$ | Н |      | Н        |
| $\vdash$ | 45         | $\vdash$     | -  | -          | H                 | -        | Н        | Н        | -         | -1       | ŀ   |       | 95       | Н        |          |          |          | -        | -        |  | $\vdash$            | -        |          | 145        |          |              | -        |   | _    | -        |
|          | 46         |              |  |            | -                 | $\vdash$ |          |          | $\vdash$  | -        | ŀ   |       | 96       |          | $\dashv$ |          | $\vdash$ | $\vdash$ |          | <del>                                     </del> | $\vdash$            |          |          | 146        | Η-       | t-           | H        | Н |      | -        |
|          | 47         | T-           |  |            | $\Gamma$          | _        | П        | _        |           | 7        | ŀ   |       | 97       |          | $\neg$   |          | $\Box$   | $\vdash$ |          | 1  | $\vdash$            |          |          | 147        | $\vdash$ | $\vdash$     | T        | Н |      | ┢        |
|          | 48         |              | Г  | Г          |                   |          | П        |          |           |          | ı   |       | 98       |          |          |          |          |          |          |  | $\vdash$            | _        |          | 148        | Ι_       | 1            |          | П |      | Γ-       |
|          | 49         |              |  | Г          |                   |          |          |          |           |          | ı   |       | 99       |          |          |          |          |          |          |  | $\Box$              |          |          | 149        |          | т            |          | П |      | Г        |
|          | 50         |              |  |            |                   |          |          |          |           |          | Ī   |       | 100      |          |          |          |          |          |          |  |                     |          |          | 150        | Г        | 1            | 1        |   |      | Т        |